

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062121\
 Data File : VW019245.D
 Acq On : 21 Jun 2021 11:49
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

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 6/22/2021 6:11:16 PM

Quant Time: Jun 21 12:06:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 11:29:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.952	168	417527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	682599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	632452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	300281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	680771	131.009	ug/l	0.00
Spiked Amount 50.000			Recovery	=	262.020%	
35) Dibromofluoromethane	7.891	113	600339	131.043	ug/l	0.00
Spiked Amount 50.000			Recovery	=	262.080%	
50) Toluene-d8	10.323	98	2464433	131.540	ug/l	0.00
Spiked Amount 50.000			Recovery	=	263.080%	
62) 4-Bromofluorobenzene	12.621	95	882657	134.279	ug/l	0.00
Spiked Amount 50.000			Recovery	=	268.560%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	425744	145.646	ug/l	98
3) Chloromethane	2.221	50	504871	154.072	ug/l	99
4) Vinyl Chloride	2.367	62	698920	137.505	ug/l	99
5) Bromomethane	2.782	94	557478	136.950	ug/l	99
6) Chloroethane	2.922	64	510305	151.668	ug/l	98
7) Trichlorofluoromethane	3.263	101	463179	157.847	ug/l	96
8) Diethyl Ether	3.684	74	322937	140.581	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.068	101	593247	134.422	ug/l	97
10) Methyl Iodide	4.281	142	828220	133.455	ug/l	99
11) Tert butyl alcohol	5.208	59	166250	654.957	ug/l	98
12) 1,1-Dichloroethene	4.050	96	628356	137.063	ug/l	90
13) Acrolein	3.903	56	175321	562.675	ug/l	99
14) Allyl chloride	4.672	41	850976	138.829	ug/l	98
15) Acrylonitrile	5.373	53	649554	755.142	ug/l	100
16) Acetone	4.135	43	512899	637.707	ug/l	97
17) Carbon Disulfide	4.391	76	1839412	145.930	ug/l	100
18) Methyl Acetate	4.678	43	282007	131.501	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	846330	149.488	ug/l	99
20) Methylene Chloride	4.922	84	649042	111.451	ug/l	92
21) trans-1,2-Dichloroethene	5.428	96	696260	136.268	ug/l	98
22) Diisopropyl ether	6.312	45	1828288	151.516	ug/l	99
23) Vinyl Acetate	6.257	43	5835018	744.120	ug/l	99
24) 1,1-Dichloroethane	6.220	63	1258870	136.464	ug/l	100
25) 2-Butanone	7.177	43	811230	687.015	ug/l	98
26) 2,2-Dichloropropane	7.171	77	652842	124.764	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	755871	134.651	ug/l	98
28) Bromochloromethane	7.519	49	499802	135.656	ug/l	96
29) Tetrahydrofuran	7.537	42	516154	763.202	ug/l	98
30) Chloroform	7.677	83	1254623	135.175	ug/l	98
31) Cyclohexane	7.958	56	1087396	135.960	ug/l	96
32) 1,1,1-Trichloroethane	7.872	97	952282	133.641	ug/l	99
36) 1,1-Dichloropropene	8.086	75	1001768	133.528	ug/l	100
37) Ethyl Acetate	7.257	43	384963	142.452	ug/l	98
38) Carbon Tetrachloride	8.073	117	924661	139.475	ug/l	97
39) Methylcyclohexane	9.335	83	1262611	149.441	ug/l	99
40) Benzene	8.323	78	2761895	135.094	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	224572	142.383	ug/l	94
42) 1,2-Dichloroethane	8.403	62	822630	136.599	ug/l	100
43) Isopropyl Acetate	8.427	43	762717	146.811	ug/l	98
44) Trichloroethene	9.092	130	701484	131.797	ug/l	96
45) 1,2-Dichloropropane	9.372	63	674410	135.698	ug/l	98
46) Dibromomethane	9.463	93	366219	142.054	ug/l	98
47) Bromodichloromethane	9.646	83	936530	140.903	ug/l	98
48) Methyl methacrylate	9.439	41	373409	152.600	ug/l	91
49) 1,4-Dioxane	9.470	88	91806	2925.356	ug/l #	83
51) 4-Methyl-2-Pentanone	10.213	43	1891267	714.836	ug/l	100
52) Toluene	10.390	92	1784804	137.376	ug/l	100
53) t-1,3-Dichloropropene	10.610	75	987268	149.739	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	1125226	144.005	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	507910	139.691	ug/l	94
56) Ethyl methacrylate	10.646	69	704588	154.645	ug/l	99
57) 1,3-Dichloropropane	10.933	76	901671	138.667	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	1502990	653.436	ug/l	99
59) 2-Hexanone	10.969	43	1306076	733.301	ug/l	100
60) Dibromochloromethane	11.128	129	583510	144.354	ug/l	99
61) 1,2-Dibromoethane	11.238	107	485441	142.239	ug/l	99
64) Tetrachloroethene	10.866	164	577792	131.036	ug/l	96
65) Chlorobenzene	11.658	112	1825207	132.492	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	640393	136.958	ug/l	99
67) Ethyl Benzene	11.731	91	3447624	132.250	ug/l	99
68) m/p-Xylenes	11.841	106	2606606	272.099	ug/l	100
69) o-Xylene	12.164	106	1263143	139.242	ug/l	100
70) Styrene	12.182	104	2144950	142.125	ug/l	99
71) Bromoform	12.347	173	336763	148.723	ug/l	98
73) Isopropylbenzene	12.463	105	3358575	139.481	ug/l	99
74) N-amyl acetate	12.274	43	752042	156.356	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	582837	142.075	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	407050m	143.992	ug/l	
77) Bromobenzene	12.749	156	733030	142.632	ug/l	97
78) n-propylbenzene	12.804	91	4116756	137.883	ug/l	99
79) 2-Chlorotoluene	12.890	91	2331343	138.180	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	2801257	138.316	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	201280	161.434	ug/l	96
82) 4-Chlorotoluene	12.987	91	2400782	135.080	ug/l	99
83) tert-Butylbenzene	13.207	119	2399829	139.079	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	2768778	137.049	ug/l	100
85) sec-Butylbenzene	13.383	105	3601429	138.178	ug/l	100
86) p-Isopropyltoluene	13.499	119	3045503	138.897	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	1477330	138.643	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	1438093	137.105	ug/l	99
89) n-Butylbenzene	13.822	91	2959788	134.488	ug/l	98
90) Hexachloroethane	14.091	117	555323	157.377	ug/l	95
91) 1,2-Dichlorobenzene	13.871	146	1272454	137.423	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	96040	147.875	ug/l	95
93) 1,2,4-Trichlorobenzene	15.133	180	847149	132.850	ug/l	95
94) Hexachlorobutadiene	15.231	225	495291	137.432	ug/l	99
95) Naphthalene	15.365	128	1607044	143.834	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	715027	132.437	ug/l	97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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